

Application No. 09/826,463
Amendment RCE Submission Filed Under 37 CFR 1.114

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A process for producing a cloned macrophage activating factor (GcMAFc) comprising:

- (a) cloning a Gc1 isoform into a baculovirus vector;
- (b) expressing the cloned Gc1 isoform, thereby producing a cloned Gc1 protein, wherein the Gc1 protein comprises approximately 458 amino acids with a molecular weight of approximately 52,000 Da and 3 distinct domains;
- (c) contacting the cloned Gc1 protein a molecular weight of approximately 52,000, approximately 458 amino acids and 3 distinct domains in vitro with immobilized beta galactosidase and sialidase, and
- (d) obtaining the cloned macrophage activating factor (GcMAFc).

2. (New) A process for producing a functional cloned macrophage activating factor (GcMAFc) comprising:

- (a) cloning a Gc1 isoform into a baculovirus vector;
- (b) sequencing the cloned Gc1 isoform, thereby confirming that the cloned Gc1 isoform is a wild type Gc1 isoform;
- (c) expressing the sequenced wild type Gc1 isoform, thereby producing a cloned wild type Gc1 protein, wherein the cloned wild type Gc1 protein comprises approximately 458 amino acids with a molecular weight of approximately 52,000 Da and 3 distinct domains;
- (d) contacting the cloned wild type Gc1 protein in vitro with immobilized beta galactosidase and sialidase, and
- (e) obtaining the cloned wild type macrophage activating factor (GcMAFc).